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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	AUG 10	Time limit for inactive STN sessions doubles to 40 minutes
NEWS 3	AUG 18	COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS 4	AUG 24	ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5	AUG 24	CA/CAplus enhanced with legal status information for U.S. patents
NEWS 6	SEP 09	50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS 7	SEP 11	WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus
NEWS 8	OCT 21	Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded
NEWS 9	OCT 21	Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models
NEWS 10	NOV 23	Addition of SCAN format to selected STN databases
NEWS 11	NOV 23	Annual Reload of IFI Databases
NEWS 12	DEC 01	FRFULL Content and Search Enhancements
NEWS 13	DEC 01	DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets
NEWS 14	DEC 02	Derwent World Patent Index: Japanese FI-TERM thesaurus added
NEWS 15	DEC 02	PCTGEN enhanced with patent family and legal status display data from INPADOCDB
NEWS 16	DEC 02	USGENE: Enhanced coverage of bibliographic and sequence information
NEWS 17	DEC 21	New Indicator Identifies Multiple Basic Patent Records Containing Equivalent Chemical Indexing in CA/CAplus

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:21:49 ON 07 JAN 2010

=> file reg
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.44 0.44

FILE 'REGISTRY' ENTERED AT 14:22:50 ON 07 JAN 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2
DICTIONARY FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
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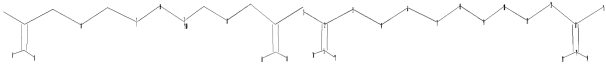

chain nodes :
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chain bonds :
1-2 2-3 2-5 3-4 4-6 5-16 5-17 6-7 7-8 8-9 9-10 10-11 11-12 12-13
13-14 13-15 14-18 14-19
exact/norm bonds :
3-4 4-6 7-8 8-9 10-11 11-12
exact bonds :
1-2 2-3 2-5 5-16 5-17 6-7 9-10 12-13 13-14 13-15 14-18 14-19

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS

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=> d l1
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L1              STR
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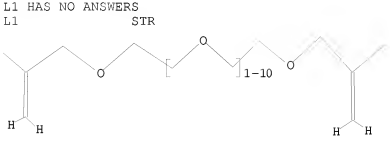


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Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 14:23:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     1243 TO ITERATE

100.0% PROCESSED     1243 ITERATIONS                              50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        22745 TO    26975
PROJECTED ANSWERS:            5731 TO     7949

L2           50 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 14:23:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    24357 TO ITERATE

100.0% PROCESSED    24357 ITERATIONS                          6488 ANSWERS
SEARCH TIME: 00.00.01

L3         6488 SEA SSS FUL L1

=> d scan

L3   6488 ANSWERS   REGISTRY  COPYRIGHT 2010 ACS on STN
IN   INDEX NAME NOT YET ASSIGNED
MF   (C16 H26 O7 . C6 H14 O3 . C6 H11 N O4 S . C6 H10 O3 . C6 H9 N O . C5 H12
     O4 . C5 H8 O3 . C3 H4 O2 . C2 H4 O3 S . Na)x
CI   PMS, COM

     CM   1
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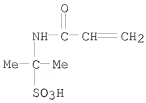

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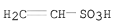

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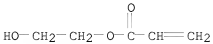

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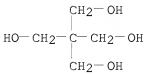
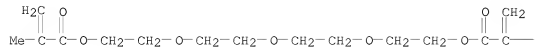


CM 5

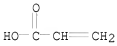
PAGE 1-A



PAGE 1-B

CM 6

CM 7



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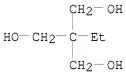
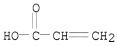


CM 9

CM 10



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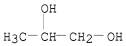

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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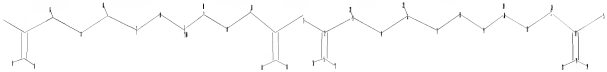

```
chain nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  22  23  24  25
chain bonds :
1-2  2-3  2-5  3-4  3-22  4-6  5-16  5-17  6-7  6-23  7-8  8-9  9-10  10-11  10-24
11-12  12-13  12-25  13-14  13-15  14-18  14-19
exact/norm bonds :
3-4  4-6  7-8  8-9  10-11  11-12
exact bonds :
1-2  2-3  2-5  3-22  5-16  5-17  6-7  6-23  9-10  10-24  12-13  12-25  13-14  13-15
 14-18  14-19


Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS
18:CLASS  19:CLASS  22:CLASS  23:CLASS  24:CLASS  25:CLASS



L4      STRUCTURE UPLOADED

=> d 14
L4 HAS NO ANSWERS
L4              STR
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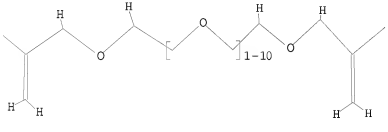


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Structure attributes must be viewed using STN Express query preparation.


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FULL SEARCH INITIATED 14:27:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    24357 TO ITERATE

100.0% PROCESSED    24357 ITERATIONS                                 18 ANSWERS
SEARCH TIME: 00.00.01

L5           18 SEA SSS FUL L4

=> d scan

L5    18 ANSWERS   REGISTRY  COPYRIGHT 2010 ACS on STN
IN    4,7,10,13-Tetraoxahexadecanedioic acid, 5,8,11(5,9,11 or
      6,9,11)-trimethyl-2,15-bis(methylene)-, polymer with
      1,1'-[(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)]]
      di-2-propenoate, silicic acid (H4SiO4) tetraethyl ester, and
      3-(trimethoxysilyl)propyl 2-methyl-2-propenoate
MF    (C17 H28 O8 . C15 H24 O6 . C10 H20 O5 Si . C8 H20 O4 Si)x
CI    PMS

      CM   1
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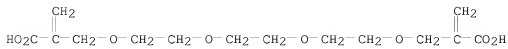
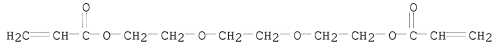


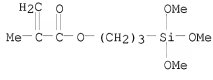
3 (D1—Me)

CM 2



3 (D1—Me)

CM 3



CM 4

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	386.02	386.46

FILE 'CAPLUS' ENTERED AT 14:27:45 ON 07 JAN 2010
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 7 Jan 2010 VOL 152 ISS 2
FILE LAST UPDATED: 6 Jan 2010 (20100106/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 14:21:49 ON 07 JAN 2010)

FILE 'REGISTRY' ENTERED AT 14:22:50 ON 07 JAN 2010
L1 STRUCTURE UPLOADED
L2 50 S L1 SSS SAM
L3 6488 S L1 SSS FULL
L4 STRUCTURE UPLOADED
L5 18 S L4 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:27:45 ON 07 JAN 2010

=> s l5
L6 15 L5

=> d l6 ibib abs hitstr

L6 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:807515 CAPLUS
DOCUMENT NUMBER: 151:200375
TITLE: Organic-inorganic hybrid coating compositions containing two functional acrylic monomers with good optical properties and dispersability
INVENTOR(S): Jung, Hyeon Min; Kim, Yong Seok; Won, Jong Chan
PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
SOURCE: Repub. Korean Kongkae Taeho Kongbo, 10pp.
CODEN: KRXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Korean
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2009071098	A	20090701	KR 2007-139304	20071227
KR 925852	B1	20091106		
PRIORITY APPLN. INFO.:			KR 2007-139304	20071227

AB Title coating compns. comprise (A) 10-90% two functional acrylic monomers HOOCC(:CH2)CH2O(CH2)mOCH2C(:CH2)COOH and HOOCC(:CH2)CH2O(OCHR1CH2)nOCH2C(:CH2)COOH and (B) 10-90% inorg. precursors, wherein R1 = H or C1-12 alkyl; m = 1-22 integer; and n = 0-22 integer.

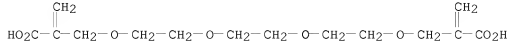
IT 1173995-41-9P 1173995-42-0P 1173995-44-2P
1173995-45-3P 1173995-49-7P
RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(organic-inorg. hybrid coating compns. containing two functional acrylic monomers with good optical properties and dispersability)

RN 1173995-41-9 CAPLUS

CN 4,7,10,13-Tetraoxahexadecanedioic acid, 5,8,11(5,9,11 or 6,9,11)-trimethyl-2,15-bis(methylene)-, polymer with 1,1'-[(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)]] di-2-propenoate, silicic acid (H4SiO4) tetraethyl ester, and 3-(trimethoxysilyl)propyl 2-methyl-2-propenoate (CA INDEX NAME)

CM 1

CRN 1173995-40-8
CMF C17 H28 O8
CCI IDS



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CRN 42978-66-5
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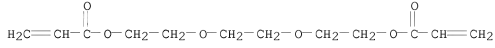
CCI IDS



3 (D1—Me)

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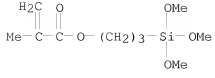

CM 4

CRN 78-10-4
CMF C8 H20 O4 Si

RN 1173995-42-0 CAPLUS
CN 4,7,10,13-Tetraoxahexadecanedioic acid, 5,8,11(5,9,11 or 6,9,11)-trimethyl-2,15-bis(methylene)-, polymer with 1-butanol titanium(4+) salt (4:1), 1,1'-[(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)]] di-2-propenoate, silicic acid (H4SiO4) tetraethyl ester, and 3-(trimethoxysilyl)propyl 2-methyl-2-propenoate (CA INDEX NAME)

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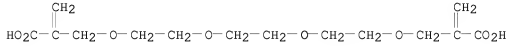
CMF C17 H28 O8
CCI IDS



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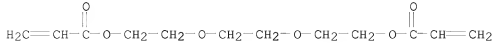

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●1/4 Ti(IV)

CM 4

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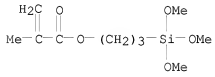

CM 5

CRN 78-10-4
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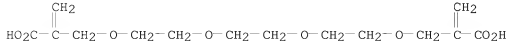

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CCI IDS

3 (D1—Me)

CM 3

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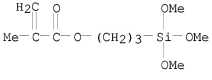

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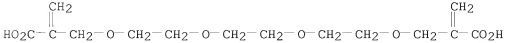

CM 2

CRN 42978-66-5
CMF C15 H24 O6
CCI IDS

3 (D1—Me)

CM 3

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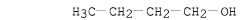

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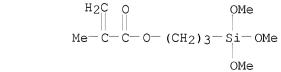
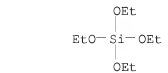


CM 5

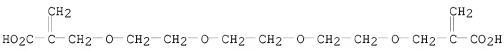
CRN 78-10-4
CMF C8 H20 O4 Si



RN 1173995-49-7 CAPLUS
CN 4,7,10,13-Tetraoxahexadecanedioic acid, 5,8,11(5,9,11 or 6,9,11)-trimethyl-2,15-bis(methylene)-, polymer with 1-butanol titanium(4+) salt (4:1), silicic acid (H4SiO4) tetraethyl ester, and 3-(trimethoxysilyl)propyl 2-methyl-2-propenoate (CA INDEX NAME)

CM 1

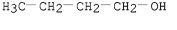
CRN 1173995-40-8
CMF C17 H28 O8
CCI IDS



3 (D1—Me)

CM 2

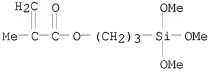
CRN 5593-70-4
CMF C4 H10 O . 1/4 Ti



●1/4 Ti(IV)

CM 3

CRN 2530-85-0
CMF C10 H20 O5 Si



CM 4

CRN 78-10-4
CMF C8 H20 O4 Si

=> d 16 ibib abs hitstr 2-15

L6 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2008:1012782 CAPLUS
DOCUMENT NUMBER: 149:269595
TITLE: Electron beam-curable composition and producing cured coating, ink or adhesive
INVENTOR(S): Kunita, Kazuto
PATENT ASSIGNEE(S): Fujifilm Corporation, Japan
SOURCE: U.S. Pat. Appl. Publ., 32pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080200581	A1	20080821	US 2008-27648	20080207
JP 2008201889	A	20080904	JP 2007-39379	20070220

PRIORITY APPLN. INFO.: JP 2007-39379 A 20070220
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
AB Producing an electron beam-cured coating includes forming on a substrate a layer of a curable composition that includes ≥1 compound CH2:C(Q1)CARbRaX1 (I) and a step of curing the layer of the curable composition by irradiating with an electron beam. In I, Q1 = cyano group or -COX2 group, X1 = H, organic residue, or polymer chain bonded to C atom CA via a heteroatom, or halogen, X2 = H, organic residue, or polymer chain bonded to the carbonyl group via a heteroatom, or halogen, Ra and Rb = H, halogen, cyano group, or an organic residue, and X1 and X2, Ra and Rb, and X1 and Ra or Rb may be bonded to each other to form a cyclic structure. An example curable composition contained F 177 surfactant 0.03, cyclohexanone 20, and CH2:C(COX2)CH2X1 (X2 = OEt; X1 = OCH2CH2OCOMe) 10 parts.
IT 1047993-80-5P
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(electron beam-curable composition with good adhesion to PET substrate)
RN 1047993-80-5 CAPLUS
CN 4,7,10,13-Tetraoxahexadecanedioic acid, 2,15-bis(methylene)-, 1,16-diethyl ester, homopolymer (CA INDEX NAME)

CM 1

CRN 896113-18-1
CMF C18 H30 O8

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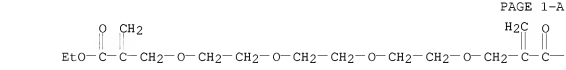


PAGE 1-B

— OEt

L6 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:673215 CAPLUS
DOCUMENT NUMBER: 145:113448
TITLE: Radiation-curable ink-jet inks containing ethylenically polymerizable crosslinking agents with excellent storage stability and sensitivity, lithographic plates using them, and their manufacture
INVENTOR(S): Sugai, Shoji; Kunita, Kazuto
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006182990	A	20060713	JP 2004-380665	20041228

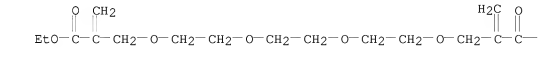
PRIORITY APPLN. INFO.: JP 2004-380665 20041228

AB The inks contain polymerizable compds., colorants, and ≥1 crosslinking agents selected from those bearing 2 ethylenically polymerizable groups and those bearing ≥3 ethylenically polymerizable groups, thus giving wear-resistant hydrophobic images on hydrophilic supports without a development process.

IT 896113-18-1
RL: TEM (Technical or engineered material use); USES (Uses)
(storage-stable radiation-curable ink-jet inks containing heteromethacrylic crosslinking agents for lithog. plates with good wear resistant)

RN 896113-18-1 CAPLUS
CN 4,7,10,13-Tetraoxahexadecanedioic acid, 2,15-bis(methylene)-, 1,16-diethyl ester (CA INDEX NAME)

PAGE 1-A



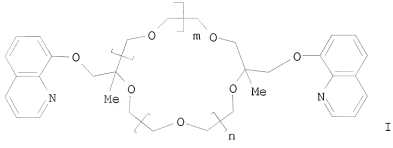
PAGE 1-B

—OEt

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

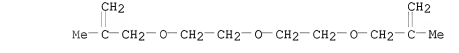
L6 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:639572 CAPLUS
DOCUMENT NUMBER: 138:106675
TITLE: Synthesis and complexing ability of a C-pivot type of double-armed 15-crown-5 ethers toward alkali metal cations
AUTHOR(S): Nakatsuji, Yohji; Muraoka, Masahiro; Kajiya, Hiroyuki; Zhang, Wanbin; Kida, Toshiyuki; Ikeda, Isao
CORPORATE SOURCE: Department of Applied Chemistry, Faculty of Engineering, Osaka University, Suita, 565-0871, Japan

SOURCE: Bulletin of the Chemical Society of Japan (2002), 75(8), 1765-1770
CODEN: BCSJA8; ISSN: 0009-2673
PUBLISHER: Chemical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:106675
GI



I

AB Double-armed 15-crown-5 ethers I [m = 0, n = 2; m = n = 1; m = 2, n = 0] were prepd.as cis and trans isomers, and their complexation properties were evaluated by measuring the stability constant in THF, the extractability, and passive transport velocity. Cis isomers were much better host compds. toward alkali metal cations than trans isomers possibly because of the potential cooperative coordination of two electron-donating sidearms. All trans isomers showed almost the same stability consts. toward Na+ and K+. On the other hand, in the case of cis isomers, the difference in the position of the two sidearms on the crown ring was found to remarkably affect the complexation properties toward alkali metal cations.
IT 91520-51-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of double-armed 15-crown-5 ethers and their complexing ability toward alkali metal cations)
RN 91520-51-3 CAPLUS
CN 1-Propene, 2-methyl-3-[2-[2-[(2-methyl-2-propen-1-yl)oxy]ethoxy]ethoxy]-(CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:495216 CAPLUS
DOCUMENT NUMBER: 133:252410
TITLE: A new and versatile access to poly-aza macro-heterocycles and cryptands through ring-closing bis(hydroaminomethylation)
AUTHOR(S): Kranemann, Christian L.; Eilbracht, Peter
CORPORATE SOURCE: Universitat Dortmund, Fachbereich Chemie, Dortmund, 44227, Germany

SOURCE: European Journal of Organic Chemistry (2000), (13), 2367-2377
CODEN: EJOCFK; ISSN: 1434-193X
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 133:252410

AB The Rh(I)-catalyzed hydroformylation of dienes in the presence of primary amines or secondary α,ω-diamines was applied to macroheterocyclic ring synthesis. Starting from (hetero)diallylic systems, 12- to 36-membered polyheterocycles were readily obtained in ≤56% yield. In addition, we show that the macrocyclic systems thus obtained can be debenzylated and that the resulting macrocyclic diamines undergo a second ring-closing bis(hydroaminomethylation) to give cryptand systems.

IT 252848-01-4, Tetraethyleneglycol dimethallyl ether
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of poly-aza macro-heterocycles and cryptands through ring-closing bis(hydroaminomethylation))

RN 252848-01-4 CAPLUS

CN 4,7,10,13,16-Pentaoxanonadeca-1,18-diene, 2,18-dimethyl- (CA INDEX NAME)

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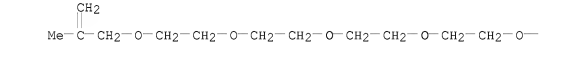

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OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

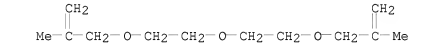
L6 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:47611 CAPLUS
DOCUMENT NUMBER: 132:194099
TITLE: Bromofluorination of bis(allyl)polyoxyethylene glycol ethers
AUTHOR(S): Mekni, Nejib; Hedhli, Ahmed; Baklouti, Ahmed
CORPORATE SOURCE: Laboratoire de Chimie Structurale Organique, Faculte des Sciences de Tunis, Departement de Chimie, Campus Universitaire, Tunis, 1060, Tunisia
SOURCE: Journal of Fluorine Chemistry (2000), 101(1), 1-4
CODEN: JFLCAR; ISSN: 0022-1139
PUBLISHER: Elsevier Science S.A.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:194099

AB The bromofluorination of bis(allyl)polyoxyethylene glycol ethers has been achieved by action of N-bromosuccinimide/triethylamine tris(hydrogen fluoride). For the starting 2-methylallyl ethers, the addition reaction is regioselective and only tertiary fluorine adducts were observed Under the

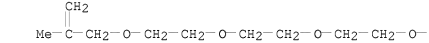
same conditions a mixture of addition and degradation products was observed from the
nonbranched bis(allyl) ethers.

IT 91520-51-3 91520-52-4 252848-01-4
259795-83-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(stereoselective preparation of bromofluoropolyoxyethylene glycol ethers via regioselective bromofluorination of bis(methylallyl)polyoxyethylene glycol ethers)

RN 91520-51-3 CAPLUS
CN 1-Propene, 2-methyl-3-[2-[2-[(2-methyl-2-propen-1-yl)oxy]ethoxy]ethoxy]-
(CA INDEX NAME)

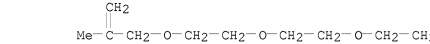


RN 91520-52-4 CAPLUS
CN 4,7,10,13-Tetraoxahexadeca-1,15-diene, 2,15-dimethyl- (CA INDEX NAME)



RN 252848-01-4 CAPLUS
CN 4,7,10,13,16-Pentaoxanonadeca-1,18-diene, 2,18-dimethyl- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

RN 259795-83-0 CAPLUS
CN 4,7,10,13,16,19-Hexaoxadocosa-1,21-diene, 2,21-dimethyl- (CA INDEX NAME)

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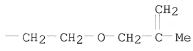
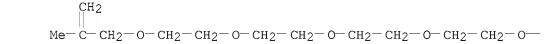
PAGE 1-B



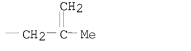
OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:672157 CAPLUS
DOCUMENT NUMBER: 132:49951
TITLE: A new and versatile access to azamacroheterocycles via ring closing carbonylative hydroaminomethylation
AUTHOR(S): Kranemann, Christian L.; Costisella, Burkhard; Eilbracht, Peter
CORPORATE SOURCE: Fachbereich Chemie, Univ. Dortmund, Dortmund, D-44221, Germany
SOURCE: Tetrahedron Letters (1999), 40(44), 7773-7776
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:49951
AB The Rh(I)-catalyzed hydroformylation/reductive amination of dienes in the presence of α,ω-diamines is applied to macroheterocyclic ring synthesis. Starting from (hetero)-diallylic systems, 12- to 36-membered polyheterocycles are easily accessible.
IT 252848-01-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(azamacroheterocycles via ring closing carbonylative hydroaminomethylation)
RN 252848-01-4 CAPLUS
CN 4,7,10,13,16-Pentaoxanonadeca-1,18-diene, 2,18-dimethyl- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



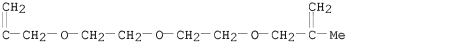
OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:713360 CAPLUS

DOCUMENT NUMBER: 128:43030
ORIGINAL REFERENCE NO.: 128:8279a,8282a
TITLE: Synthesis of monoazacryptands and their excellent transport ability toward alkali metal cations in comparison with monoazacrown ethers
AUTHOR(S): Nakatsuji, Yohji; Sunagawa, Takuya; Masuyama, Araki; Kida, Toshiyuki; Ikeda, Isao
CORPORATE SOURCE: Department of Applied Chemistry, Faculty of Engineering, Osaka University, Suita, 565, Japan
SOURCE: Journal of Inclusion Phenomena and Molecular Recognition in Chemistry (1997), 29(3-4), 289-299 CODEN: JIMCEN; ISSN: 0923-0750
PUBLISHER: Kluwer
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The effects of transport conditions and the structure of monoazacrown ethers on their transport ability for alkali metal cations through a bulk liquid membrane were summarized and discussed based on transport data. To improve the transport ability, unsubstituted and N-substituted monoazacryptands were prepared A lipophilic derivative consisting of two 18-crown-6 rings and one 20-crown-6 ring can selectively transport K+ from a mixture of Na+, K+, Mg2+, and Ca2+ under pH control in the absence of lipophilic anions. In particular, one monoazacryptand could sep. K+ from sea water at 445:1 K+-Na+ selectivity.

IT 91520-51-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(addition reaction and bromination of)
RN 91520-51-3 CAPLUS
CN 1-Propene, 2-methyl-3-[2-[2-[(2-methyl-2-propen-1-yl)oxy]ethoxy]ethoxy]- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1995:468491 CAPLUS
DOCUMENT NUMBER: 122:221127
ORIGINAL REFERENCE NO.: 122:40275a,40278a
TITLE: Cement dispersant composition for inhibition of slump loss
INVENTOR(S): Honda, Susumu; Hara, Tadasi; Koyata, Hideo
PATENT ASSIGNEE(S): W.R. Grace and Co., USA; NOF Corp.
SOURCE: Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 619277	A1	19941012	EP 1994-302384	19940405
EP 619277	B1	19981223		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

JP 06305798	A	19941101	JP 1993-78024		19930405
JP 3420274	B2	20030623			
AU 9459194	A	19941006	AU 1994-59194		19940331
AU 691169	B2	19980514			
US 5432212	A	19950711	US 1994-222152		19940404
CA 2120575	A1	19941006	CA 1994-2120575		19940405
CN 1096774	A	19941228	CN 1994-105286		19940405
CN 1058474	C	20001115			
BR 9401392	A	19950606	BR 1994-1392		19940405
AT 174885	T	19990115	AT 1994-302384		19940405
ES 2125405	T3	19990301	ES 1994-302384		19940405
CN 1215034	A	19990428	CN 1998-116871		19980803
CN 1109000	C	20030521			
HK 1014182	A1	20000602	HK 1998-115465		19981224

PRIORITY APPLN. INFO.: JP 1993-78024 A 19930405

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB A cement admixt. which when added to a cement composition, such as cement mortar or concrete inhibits slump loss of the cement composition and improve its workability and applicability. The admixt. is composed of copolymers from an alkenyl ether, a polyalkenyl ether and maleic anhydride.

IT 162006-20-4P
RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(slump-loss inhibitor; in concrete and mortar mixes for inhibition of slump loss)

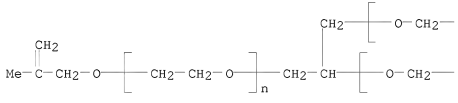
RN 162006-20-4 CAPLUS

CN 2,5-Furandione, polymer with α-methyl-ω-[(2-methyl-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) and α,α',α''-1,2,3-propanetriyltris[ω-[(2-methyl-2-propenyl)oxy]poly(oxy-1,2-ethanediyl)] (9CI) (CA INDEX NAME)

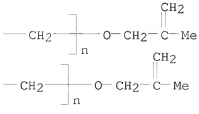
CM 1

CRN 162006-18-0
CMF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C15 H26 O3
CCI PMS

PAGE 1-A



PAGE 1-B



CM 2

CRN 121116-34-5
CMF (C2 H4 O)n C5 H10 O
CCI PMS

CM 3

CRN 108-31-6
CMF C4 H2 O3

OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

L6 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1991:491659 CAPLUS
DOCUMENT NUMBER: 115:91659
ORIGINAL REFERENCE NO.: 115:15751a,15754a
TITLE: Isomerization of alk-2-enyl ethers
INVENTOR(S): Plotkin, Jeffrey S.
PATENT ASSIGNEE(S): GAF Chemicals Corp., USA
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9103449	A1	19910321	WO 1990-US4323		19900806
W: AU, JP					
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE					
AU 9061520	A	19910408	AU 1990-61520		19900806
CA 2023565	A1	19910306	CA 1990-2023565		19900817
PRIORITY APPLN. INFO.:			US 1989-402400	A	19890905
			US 1989-407181	A	19890914
			WO 1990-US4323	A	19900806

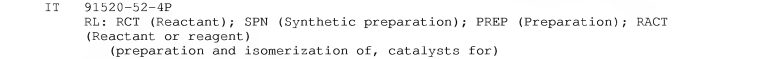
OTHER SOURCE(S): MARPAT 115:91659
AB Isomerization of the title ethers [R1CH:CYCH2O(Z)n]xR [R = H, (substituted) C1-20 alkylene, phenylene, 3-6-membered heterocyclyl., etc.; R1 = H, C1-20 aryl, -alkaryl, -aralkyl, -alkyl, -alkoxy, or R1, together with the O of CH:CYCH2O forms a 4-6-membered heterocyclyl; Y = H, alkyl; Z = C1-10 alkylene, alkyleneoxy, etc.; n = 0-50; x = value consistent with the number of free valences in R], is achieved by using 0.1-20 weight% of supported Rh or Ru, where the amount of metal with respect to support is 0.05-10 weight%. Ru/Al2O3 (2 weight% concentration, comprising 5% transition metal)

was slurried with octyl allyl ether at 140° for 20 h under ambient N pressure to give >99% conversion (GC) to the octyl prop-1-enyl ether.

IT 91520-52-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and isomerization of, catalysts for)

RN 91520-52-4 CAPLUS

CN 4,7,10,13-Tetraoxahexadeca-1,15-diene, 2,15-dimethyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1991:248011 CAPLUS

DOCUMENT NUMBER: 114:248011

ORIGINAL REFERENCE NO.: 114:41899a,41902a

TITLE: Manufacture of vinyl chloride polymers with high bulk density and high porosity

INVENTOR(S): Amano, Tadashi; Hoshida, Shigehiro

PATENT ASSIGNEE(S): Shin-Etsu Chemical Industry Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02305804	A	19901219	JP 1989-128145	19890522
US 5153284	A	19921006	US 1990-526994	19900522
PRIORITY APPLN. INFO.:			JP 1989-128145 A	19890522

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Title vinyl chloride polymer is manufactured by suspension polymerizing in water
vinyl chloride or monomer mixture mainly composed of vinyl chloride in the presence of oil-soluble initiator and disperser containing partial saponified poly(vinyl alc.), hydroxypropylmethylcellulose, and a crosslinked polymer having CO2H group. Thus, 38 kg vinyl chloride was suspension polymerized in 52 kg water in the presence of 30 g di-2-ethylhexylperoxy dicarbonate, saponified poly(vinyl alc.) 15, hydroxypropylmethylcellulose (having methoxy content 29 weight% and hydroxypropoxy content 10 weight%) 15, and crosslinked polymer (composed of 100 parts acrylic acid and 1 parts diethylene glycol bisallyl ether) 7.6 g at 57° to give PVC having bulk d. 0.57, plasticizer absorption 23.0 weight%, and fish eye 2 counts/100 m2, vs. 0.50, 23.5, and 3, resp., without crosslinked polymer.

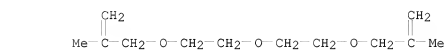
IT 101060-98-4
RL: USES (Uses)
(dispersing agents, containing partial saponified poly(vinyl alc.) and hydroxypropylmethylcellulose, for suspension polymerization of vinyl chloride)

RN 101060-98-4 CAPLUS

CN 2-Propenoic acid, polymer with 3,3'-[oxybis(2,1-ethanediyloxy)]bis[2-methyl-1-propene] (9CI) (CA INDEX NAME)

CM 1

CRN 91520-51-3
CMF C12 H22 O3



CM 2

CRN 79-10-7
CMF C3 H4 O2

L6 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:155046 CAPLUS
DOCUMENT NUMBER: 110:155046
ORIGINAL REFERENCE NO.: 110:25663a,25666a
TITLE: Alkenyl ether-maleic anhydride copolymers
INVENTOR(S): Honda, Susumu; Yasukochi, Toru; Akimoto, Shinichi
PATENT ASSIGNEE(S): Nippon Oils & Fats Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63223015	A	19880916	JP 1987-56454	19870313
JP 2890399	B2	19990510		

PRIORITY APPLN. INFO.: JP 1987-56454 19870313

AB The solid or gelled title copolymers are prepared from 5-50 mol B(OR1)a[O(AO)lR2]b[O(AO)mR3]c[O(AO)nH]d [B = residue of compound containing 2-8 OH; AO = (block) copolymer residue comprising ≥1 C2-18 oxyalkylene; R1, R2 = C2-5 alkenyl; R3 = C1-24 hydrocarbyl, acyl; a = 0-7; b = 0-8; c = 0-6; d = 0-6; a + b = 2-8; a + b + c + d = 2-8; c + d = 0-6; l, m, n = 0-1000; l + m + n = 1-3000], 20-90 mol maleic anhydride (I), and 0-50 mol polymerizable monomers. CH2:CHCH2O(C2H4O)9CH2:CH2 (33 mol%) and 67 mol% I were polymerized in the presence of Bz2O2 at 80° for 10 h to give a transparent elastic solid copolymer with sp. gr. 1.088 and softening temperature 180°, which was insol. in water or EtOH.

IT 119977-08-1P
RL: PREP (Preparation)
(rubbers, preparation of, solids or gels, transparent)

RN 119977-08-1 CAPLUS

CN 2,5-Furandione, polymer with α,α',α''-1,2,3-propanetriyltris[ω-[(2-methyl-2-propenyl)oxy]poly[oxy(methyl-1,2-ethanediyl)]] (9CI) (CA INDEX NAME)

CM 1

CRN 119977-07-0
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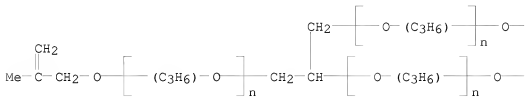
CCI IDS, PMS

PAGE 1-A



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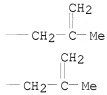


CM 2

CRN 108-31-6
CMF C4 H2 O3

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L6 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1986:130476 CAPLUS
DOCUMENT NUMBER: 104:130476
ORIGINAL REFERENCE NO.: 104:20661a,20664a
TITLE: Polymerization of vinyl chloride in aqueous media
INVENTOR(S): Itoh, Kenichi; Noguki, Genji; Tanaka, Motoaki; Ohba, Hitoshi
PATENT ASSIGNEE(S): Shin-Etsu Chemical Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 166416	A2	19860102	EP 1985-107822		19850624
EP 166416	A3	19870128			
EP 166416	B1	19890913			
R: BE, DE, FR, GB, IT, NL, SE					
JP 61014205	A	19860122	JP 1984-134177		19840629
JP 04017202	B	19920325			
US 4694053	A	19870915	US 1985-748433		19850625
CA 1261542	A1	19890926	CA 1985-485267		19850626
NO 8502582	A	19851230	NO 1985-2582		19850627
NO 164602	B	19900716			
NO 164602	C	19901024			
ZA 8504866	A	19860226	ZA 1985-4866		19850627
CS 266570	B2	19900112	CS 1985-4727		19850627
BR 8503113	A	19860318	BR 1985-3113		19850628
HU 39754	A2	19861029	HU 1985-2548		19850628
PL 147170	B1	19890429	PL 1985-254241		19850628
RO 91617	B3	19870930	RO 1985-119359		19850629
DD 240021	A5	19861015	DD 1985-278021		19850701
CN 85105492	A	19870121	CN 1985-105492		19850718
CN 1005717	B	19891108			
US 33284	E	19900731	US 1987-126907		19871130
PRIORITY APPLN. INFO.:			JP 1984-134177	A	19840629
			EP 1985-107822		19850624
			US 1985-748433	A5	19850625

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Vinyl chloride is polymerized in suspension in reactors (optionally coated with organic dyes or polar compds.) using monomer-soluble initiators in aqueous solns. containing water-soluble, crosslinked carboxylated copolymers and nonionic surfactants for reduced reactor scale formation. Thus, polymerization by bis(2-ethylhexyl) peroxydicarbonate in an aqueous solution containing 100:1 acrylic acid-diethylene glycol diallyl ether copolymer and surfactant (Span 20) was repeated 12 times before scale formed on the reactor walls.

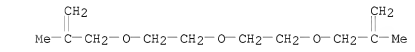
IT 101060-98-4
RL: USES (Uses)
(scale inhibitor, in suspension polymerization of vinyl chloride)

RN 101060-98-4 CAPLUS

CN 2-Propenoic acid, polymer with 3,3'-[oxybis(2,1-ethanediyloxy)]bis[2-methyl-1-propene] (9CI) (CA INDEX NAME)

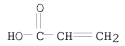
CM 1

CRN 91520-51-3
CMF C12 H22 O3

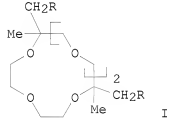


CM 2

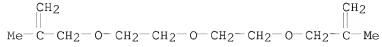
CRN 79-10-7
CMF C3 H4 O2



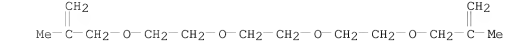
L6 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1984:510887 CAPLUS
DOCUMENT NUMBER: 101:110887
ORIGINAL REFERENCE NO.: 101:16937a,16940a
TITLE: Synthesis of bis(bromomethyl) dimethyl crown ethers and complexation properties of their derivatives having electron-donating sidearms
AUTHOR(S): Nakatsuji, Yohji; Mori, Tsuneharu; Okahara, Mitsuo
CORPORATE SOURCE: Fac. Eng., Osaka Univ., Suita, 565, Japan
SOURCE: Tetrahedron Letters (1984), 25(20), 2171-4
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



AB Bis(bromomethyl)dimethyl crown ethers were prepared by cyclization of H(OCH2CH2)mOCMe(CH2Br)CH2O(CH2CH2O)nCH2CMe(CH2Br)O(CH2CH2O)mH (n = 0-3; m = 1-3), which were prepared by reacting CH2:CMeCH2O(CH2CH2O)nCH2CMe:CH2 with HO(CH2CH2O)nH, in the presence of an appropriate template cation. Cis and trnas isomers of 2,9-bis(bromomethyl)-2,9-dimethyl-15-crown-5 (I, R = Br) were separated and the structure inferred from complexation of I (R = Br, OCH2CH2OMe) with Na+ and K+.
IT 91520-51-3 91520-52-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with oligoethylene glycols and bromosuccinimide)
RN 91520-51-3 CAPLUS
CN 1-Propene, 2-methyl-3-[2-[2-[(2-methyl-2-propen-1-yl)oxy]ethoxy]ethoxy]- (CA INDEX NAME)



RN 91520-52-4 CAPLUS
CN 4,7,10,13-Tetraoxahexadeca-1,15-diene, 2,15-dimethyl- (CA INDEX NAME)



OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

L6 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1940:41241 CAPLUS
DOCUMENT NUMBER: 34:41241
ORIGINAL REFERENCE NO.: 34:6300i,6301a-b
TITLE: Unsaturated ethers
INVENTOR(S): Britton, Edgar C.; Slagh, Harold R.
PATENT ASSIGNEE(S): Dow Chemical Co.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

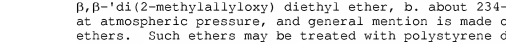
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2201074		19400514	US 1939-253381	19390128

AB An unsatd. ether of the general formula ROYOY'OR' in which R and R' each represents an allyl or 2-methylallyl radical and Y and Y' each represents a lower alkylene radical is formed by reaction of the Na salt of allyl alc. or 2-methylallyl alc. with a dihaloalkyl ether. Details are given of the production of: diallyloxy dimethyl ether, b8 about 66°; di-2-methylallyloxy dimethyl ether, b10 88-91°; β,β'-di(allyloxy) diethyl ether, b10 96-99°; and β,β-'di(2-methylallyloxy) diethyl ether, b. about 234-8° at atmospheric pressure, and general mention is made of the production of other ethers. Such ethers may be treated with polystyrene during polymerization to obtain resinous products of good properties, and may be added in small proportion to CCl4, ethylene or propylene chlorides, etc., to inhibit their corrosive action on metals of containers or other equipment.

IT 91520-51-3P, Ether, bis[2-(2-methylallyloxy)ethyl]
RL: PREP (Preparation)
(preparation of)

RN 91520-51-3 CAPLUS

CN 1-Propene, 2-methyl-3-[2-[2-[(2-methyl-2-propen-1-yl)oxy]ethoxy]ethoxy]-
(CA INDEX NAME)



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CA SUBSCRIBER PRICE -12.75 -12.75

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USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2
DICTIONARY FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> S 896113-18-1/RN

L7 1 896113-18-1/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L7 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 7.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
RN 896113-18-1 REGISTRY
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ester (CA INDEX NAME)
OTHER CA INDEX NAMES:
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ester (9CI)
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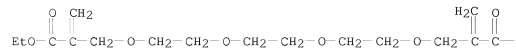
RL.P Roles from patents: USES (Uses)

PAGE 1-A



PAGE 1-B

OEt

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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NOTICE SET TO OFF FOR DISPLAY COMMAND
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FULL ESTIMATED COST	15.82	501.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
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USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2
DICTIONARY FILE UPDATES: 6 JAN 2010 HIGHEST RN 1201136-14-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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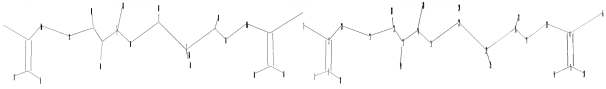

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exact bonds :
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Match level :
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10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
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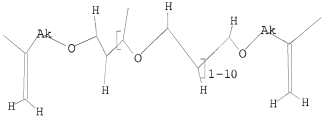

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PROJECTED ANSWERS:                2 TO      207

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      polymer with (2-hydroxy-1,3-propanediyl)bis[oxy(2-hydroxy-3,1-
      propanediyl)] bis(2-methyl-2-propenoate), 2-(phosphonooxy)ethyl
      2-methyl-2-propenoate and (tetrahydro-3-furanyl)methyl
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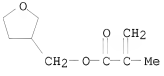

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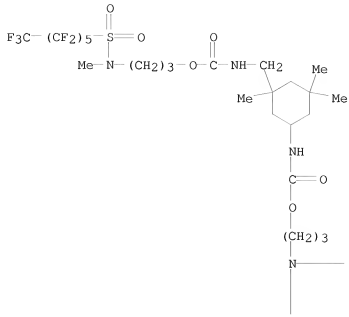

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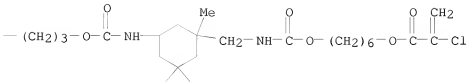

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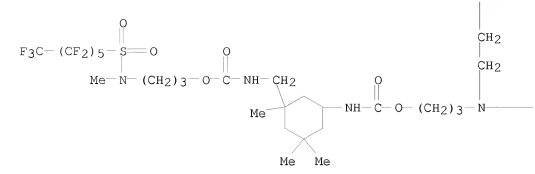

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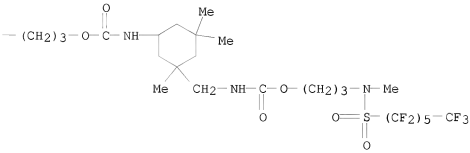

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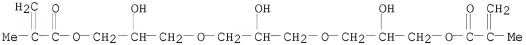

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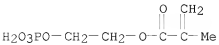

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 15:08:09 ON 07 JAN 2010